



"METHOD OF MAKING LOW DENSITY BODIES" brought J. F. Gregory (left) and John Googin (right) a joint patent application. W. K. Whitson, Development Division Superintendent, presents both Gregory and Googin their letter of commendation, accompanied by the \$1 bill.

What Safety Awards Did Y-12ers Choose?

Transistor Radio Was First Choice

A myriad of tastes would best describe Y-12ers. How did the selection go in the recent big safety awards for 1964's cumulative prizes?

Final figures show that 710 employees will have music wherever they go . . . as that many chose the 11-transistor portable AM-FM radio. This is almost twice as many selections as the nearest contender, which was the Revere Ware kitchen set. A total of 490 Y-12ers chose to cook in the early American copper-based cookware.

Only four other items figured in the 400-plus numbers, as 446 Skil saws were chosen, 442 Sunbeam floor finishers, 425 Oster blenders and 410 binoculars.

Dropping into the 300-count was the Corning ware set, as 390 employees chose that item (or their wives did!). Then followed the blue train case and weekend-luggage, with a count of 348. **Appliances Rank High**

The electric mixer was chosen by 225 people . . . and the GE clock radio was taken by 195. A total of 159 chose the Toast-R-Oven, and 139 took the hair dryer.

The only tie in the 22-selection list came as the card table (with

Continued on Page 4

SAFETY SCOREBOARD

The Y-12 Plant Has
Operated
68 Days Or
2,047,000 Man-Hours
(Unofficial Estimate)
Without A Disabling
Injury
Through February 7
Phone 7755
For Daily Report
On Accident-Free Hours

Nuclear Weather Station Year Old

The world's first nuclear-powered weather station — containing components fabricated here—began its second year of operation in the Gulf of Mexico last week, still fully functional despite an encounter with Hurricane Hilda.

An Atomic Energy Commission nuclear generator, equipped with fuel and a radiation shield prepared by Oak Ridge National Laboratory and Y-12, is providing power for the Navy-operated automatic, unmanned station. The unit has been anchored near the center of the Gulf, some 300 miles south of New Orleans, since January 31, 1964.

Designated NOMAD (Navy Oceanographic and Meteorological Automatic Device), the station has been developed by the Navy as a forerunner of a worldwide network of unattended weather stations.

The unit has been recording and transmitting meteorological data necessary for the forecasting of weather changes in the Gulf, and in October was a major source of data on the course and intensity of Hurricane Hilda.

Fuel for the station, 27 pounds of strontium titanate, was sealed by ORNL in 14 high-strength, corrosion-resistant capsules designed to maintain their integrity for several hundred years. Heat from the radioactive decay of the fuel is converted directly to 60 watts of electricity through 120 pairs of thermocouples surrounding the fuel.

Y-12 fabricated a three and one-quarter inch thick radiation shield for the generator. The shield is composed of depleted uranium and weighs 4,600 pounds.

Fluoridated Water

Despite contrary action from 'little old ladies in tennis shoes' more than one-third of America's population today drinks fluoridated water.

Strong Technical Staffs, Unique Capabilities Contribute To Y-12's Future, Strasser Believes

George A. Strasser, superintendent of Technical Services Division, gave an address last week that is of interest to every Y-12er. He spoke Thursday, February 4, before the Knoxville-Oak Ridge Chapter of the American Society of Tool and Manufacturing Engineers at the Oak Ridge Country Club.

His pertinent and timely remarks on Y-12 in Transition are reprinted here in their entirety.

"I realize only too well that anything said about Y-12 these days is said against the background of layoffs which were announced last month. As you know, we are in the process of terminating about two hundred people and expect that this will swell to about 1,000 by the end of the year.

"The reason for this is rather basic; in the words of the Atomic Energy Commission announcement of January 5, of this year, 'Employment at Y-12 will be reduced as a result of revised production schedules.'

Regional Concern

"It is also clear that this is not just an Oak Ridge problem. A large proportion of our people live outside the city as far away as Crossville, Athens, and Jellico. Coming a little closer, Y-12 is one of Knoxville's largest industrial employers. So I trust this subject is of interest to most of you, Oak Ridgers or not.

"Now I am not going to tell you that the predicted layoffs won't come to pass. What I would like to do is to help you view the present transition in a slightly broader perspective.

"I have been a member of the Y-12 team for over 20 years. In these years I have seen employment go from over 20,000 to less than 2,000, and back to 6,000. I know that, on at least one occasion in 1947, strong consideration was given to completely shutting the Plant down.

1947 Outlook Bleak

"Yet we survived and our employment is now about 5,000. Let me make a broad brush comparison between 1947 and 1965.

"In 1947:

"1. The electromagnetic process, on which Y-12's existence was based, was completely obsolete, having been replaced by the gaseous diffusion process.

"2. Our equipment had essentially no other use.

"3. Our skills, like our equipment, were ill suited to the demands of the time.

"4. Tens of thousands of people were forced to seek other employment in a matter of months.

"5. Then, as a further blow, former Y-12 research groups were transferred to Oak Ridge National Laboratory.

"6. The Atomic Energy Commission was just getting organized.

"7. There was an almost complete lack of planning for the future. And yet we survived.

Current Potentials Listed

In fact, in 1965:

"1. We are not only one of the most important weapons plants in the United States, we are the



George A. Strasser

most diversified of all of the AEC's production facilities.

"2. Instead of having a completely obsolete process on our hands, we are only faced with a reduction in production requirements. Weapons production, and the development of new weapons are definitely not being stopped. In support of this contention, let me quote Chairman Seaborg, speaking before the joint committee of Congress on atomic energy:

"3. . . we are continuing an aggressive underground program of development tests, we are preparing for and maintaining a short-term readiness capability to resume atmospheric testing in the event there would be an abrogation of the treaty, we are maintaining strong and viable weapons laboratories, and we are continuing our participation with DOD (Department of Defense) in the development of test detection methods."

Back to Y-12.

Wide Range Capabilities

"4. We have as broad a collection of fabricating tools, presses, mills, etc., as any government plant. Not only that, but we are equipped to operate over a wide range of environmental conditions, be they temperature, humidity, toxicity, radiation, etc.

"5. We have strong technical staffs and the skill of our people are both highly developed and relevant to many of today's problems."

IEEE Meeting Is Set Tomorrow In Ridge

The Oak Ridge Section of the Institute of Electrical and Electronics Engineers meet tomorrow, Thursday, February 11. The 7:30 p.m. meeting is set at the Green Room of the Ridge Recreation Hall.

Speaker for the February meeting will be Robert H. Boyles, director of tour and presentations for the Arnold Engineering Development Center, Tullahoma. He will discuss the history, organization and capabilities of the Center.

This meeting will be of particular interest to IEEE members who plan to tour the Center March 6.

All members and guests are invited. Refreshments will follow the official program.

"6. The AEC is now an experienced and highly respected government organization which looks ahead and constantly re-evaluates its programs.

"7. Finally, we are in a position to do extensive planning for our future and are devoting considerable effort to this task. Planning is always hard, particularly in a contracting situation. The type of planning we are addressing ourselves to involves an evaluation of our resources and of the uses to which these resources might be put in the national interest.

"Let me give you some evidence of this planning:

Terminees First Concern

"1. Our immediate concern, of course, has been to find jobs for the employees we were forced to terminate last month. On the day after the announcement of our cutbacks, Dr. Clarence Larson, president of Union Carbide Nuclear Division, directed that a re-employment office be opened at Y-12 and that a nation-wide effort be made to notify other companies of the availability of these employees. So far, the interest exhibited by these companies has been most encouraging.

"2. At the request of the AEC, we have prepared a number of brochures describing our capabilities for the information of other government agencies. Let me quote from one of these brochures: 'This brochure has been prepared to acquaint other Government Agencies with some of these unique capabilities, facilities, specialized skills, and unusual materials. By this means it will be possible to effect economies through interagency exchange of services and materials not adequately available from private sources. This information will also be of assistance in acquainting private industry with some of the new developments, innovations, and materials which have resulted from U. S. Atomic Energy Commission-sponsored programs.' I read you this quotation because I believe that it tells a great deal about the Commission's determined effort to find new missions for our Plant.

Government Agencies Contacted

"3. In addition to the preparation and dissemination of these brochures, we have made a number of contacts with other Government Agencies to seek work for which we are uniquely qualified.

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ORGDP, ORNL, ORINS Sponsor Safety Course

Oak Ridge Gaseous Diffusion Plant, in cooperation with Oak Ridge National Laboratory and three Oak Ridge Institute of Nuclear Studies, recently participated in a radiological protection training program for state health department representatives.

A total of 12 trainees, representing nine states, the District of Columbia and Puerto Rico, spent a day at ORGDP with representatives from its Health and Safety Division, Physical Testing Department, and the Legal Information Control Department.

The Bulletin

Published Weekly For The
Y-12 Employees Of
UNION CARBIDE
CORPORATION



NUCLEAR DIVISION

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More Y-12ers edged into the honor circle of Union Carbide Corporation veterans as February progresses. Congratulations.

20 YEARS

Fred R. Sexton, 9215 Rolling Department, February 12.

James T. Creasman, General Expediting and Auxiliary Services, February 13.

Lucille J. George, Janitors Department, February 14.

William S. Caruthers, Electrical Department, February 15.

15 YEARS

James W. Young, General Shop Inspection, February 13.

Horace M. Monday, General Machine Shop, February 14.

10 YEARS

Clarence W. Williams, General Machine Shop, February 16.

Power Squadrons Offer Boat Course

The Knoxville and Oak Ridge units of the United States Power Squadrons have scheduled their spring Piloting Course as follows: The Knoxville squadron's class, under the direction of Ed Palmer, education officer, will begin February 17, at 7:30 p.m. It will be held at the University of Tennessee's Business College, Temple Street entrance, in room 234.

The Oak Ridge Squadron's class, under the direction of Bob Wertz, educational officer, will start February 16, at 7:30 p.m. at the dry dock on Emory Road.

These classes, held once a week, are free, and open to the public. Instruction periods last two hours per evening. Students attending will be furnished a student's folder and a navigational training chart. The folder includes nine lesson outlines and question papers.

A firm foundation on which to build skill in piloting, seamanship and small boat handling is provided in the lectures. Lectures include such subjects as Safety Afloat, Seamanship, Small Boat Handling, Equipment and Government Regulations, Rules of the Road, Aids to Navigation, the Mariner's Compass, Charts and Piloting and River Piloting.

This free piloting course is a tradition with the U. S. Power Squadrons and is designed to be of equal value to all boatmen.

All who are interested in taking this course are invited to attend, either in the Oak Ridge or Knoxville area.

Palmer, who will teach in the Knoxville area, is in Y-12's Tool Engineering.



PART OF THE HUGE turnout for the annual Credit Union meeting is viewed from the stage as President Tom Stephens reads his annual message. Stephens was re-elected head of the Y-12 credit

organization by its board of directors. The Y-12 Credit Union has assets now more than \$5,700,000. Its services were increased also last year with the addition of education loans.

Y-12 Credit Union Reports Banner Year At Annual Meet

The year 1964 was another banner year for Y-12's Credit Union. One of the major problems was trying to keep the surplus cash invested wisely. So stated Tom Stephens, president, at the credit organization's annual meeting Thursday, January 28.

"It was necessary during the year to invest an additional \$300,000 in federally insured and savings and loan associations," Stephens pointed out. "Your Credit Union's assets have grown from a handful of deposits in 1950 to a total of \$5,794,514, as of December 31."

While financial aspects can be counted and measured against objectives, service can only be measured by membership's acceptance or rejection of plans and measures offered to the group. Last year Y-12ers borrowed a new record high of \$3,157,337.62. While this may sound like inflationary practices, the record is offset by another record of \$5,311,473.23 in member shares in the credit union.

A total of 273 members attended the annual meeting. After the meeting was called to order Secretary Bill Davis read the minutes from last year's meeting. President Stephens read the report of the board of directors, pointing out new innovations in services, such as the education loans, lending policies extended to cover houses and camping trailers as well as appliances, a campaign to promote the loan service in July, and the publication of a newsletter each month to keep members posted on the activities of the credit group.

Good To Borrow

"During the past few years," Stephens added, "A completely new economic outlook has developed throughout the country. In the past it was considered good to save and bad to borrow, but now it is considered good to save, and that borrowing for certain purposes is equally good."

"In 1965 let us rededicate ourselves to the philosophy of the credit union movement — 'Not for profit, not for charity, but for service,' Stephens concluded. "We realize we shall be losing some of our members due to the cut-back in work force in Y-12, and there has been concern as to how it will affect the Credit Union. Even though we may be reduced in number, we want to assure you that the Credit Union will continue to operate and give the very best possible service to Y-12 employees and their families."

Election By Acclaim

Clyde Bowles, nominating committee chairman, read the nominations for new officers for the year. Recommended were Tom Stephens, Bill Hackett to the board of directors, and Lorena Causey, reappointed to the credit committee. The vote from the floor was by acclamation.

C. V. Ketron, chairman of the supervisory committee, reported to the membership on his committee's activities for the year. Manager-Treasurer Lorena Causey read the financial statement in detail. Expenses for 1964 showed 54.65 per cent going into dividends . . . and an operating expense well below the national

level of credit unions the size of Y-12's.

New Membership High

The year ended showed membership at a new high of 5711 . . . 92 above the previous year. Share accounts also jumped to a new high, increasing more than half a million dollars over 1963.

A dividend of five per cent per annum for the past six months was also declared at the meeting.

A comparison follows of assets through the years of Y-12's Credit Union.

Year	Assets
1952	\$ 427,620.03
1953	666,248.52
1954	914,635.06
1955	1,466,163.32
1956	1,517,142.49
1957	1,936,960.88

1958	2,221,992.86
1959	2,883,665.08
1960	3,024,975.17
1961	3,799,490.87
1962	4,166,547.59
1963	5,249,994.99
1964	5,794,514.14

Immediately following the January 28 meeting, the board of directors met to elect or re-elect new officers. Tom Stephens was renamed president for 1965, and Pat Patrick was named vice president. Lorena Causey was re-appointed treasurer, and Bill Dodson made assistant treasurer. Bill Davis was renamed secretary.

Supervisory Committee

The supervisory committee was reappointed: C. V. Ketron, chairman, and J. A. Whitten and H. R. Gwinn.

Continued on Page 4



FLOCKING TO THE annual meeting are the above Y-12ers as they take numbers registering for door prizes.



OLD TIME CREDIT UNION member, Fred Henry, right, receives a door prize at the January 28 Credit Union meeting. Treasurer-Manager Lorena Causey makes the presentation.



E. G. 'SUNNY' RICHARDSON was honored at the Credit Union meeting for his long years of diligent service. A plaque and a photograph album tracing his credit union activities were presented him.



BOWLERS NEVER QUIT, it seems, even after retirement from active work. Above are six Oak Ridgers who can keep a pin average up there with the best of averages. From left are A. Groppe (former Y-12er), J. A. Harris (K-25), C. R. Wells (K-25), Harold Ratjen (Y-12), R. F. Snodgrass (ORNL), and A. Foresman (K-25).

Active Y-12 Retirees Are Seen In Oak Ridge Bowling Circles

"In Oak Ridge, 'old bowlers never die' they just form their own team. And in this case, a team that can compete on even terms with the best of the young squirts," says Alex Kerr, in a recent article in the Oak Ridger.

Kerr was referring to former Union Carbide employees (retired) who still live in Oak Ridge, and still maintain bowling averages 'way up there.'

Included in the group are Harold Ratjen and Al Groppe, both former Y-12ers. Bowling alongside these men are Roy Snodgrass, former ORNLer, J. A. Harris, C. R. Wells and Adolph Foresman, retired from K-25.

Harold Ratjen . . . or Rach as everybody calls him, has settled down to rolling in only four leagues a week, with a few practice games thrown in on the week-end.

Groppe also bowls with his son Wayne in the Classic League every Thursday night. Al decided that petunia growing was for those strictly over the hill. Since he did not choose to fit into that category, he concentrated on lifting his average to 160 plus. Although Al has many other things to keep him busy, he has limited his bowling down to two leagues a week . . . the old folks . . . and the Classic rolling on Thursday nights.

"We'd rather roll in other leagues where the competition is keener," all the bowlers admitted. "It's more fun to clobber fellows half our age!" All six bowlers were keen enthusiasts during their working years, and tournaments and leagues always found their names up there . . . more than frequently in the winning columns, too.

And speaking of old-timers, Arthur Ogden reported he did 20 push-ups the other morning before breakfast! And it's all we can do to push a coffee cup up to our lips.

Maybe retirement would be good for a lot of us!

ments won the third match 15-8. League standings follow:

Team	W	L
Set Ups	32	0
Beavers, Y-12	23	5
Eagles, Y-12	19	9
K-25 Instruments	17	11
Old Men	18	14
Scrubs	10	21
Vaults	7	17
Bums	7	21
ORSORT	7	21
Yanks, Y-12	1	27

Follow security procedures.

Rippers Keep Top Classic Perch

The Rippers kept a tight hold on Classic League bowling last week by taking three from the All Stars. Four point wins went to the Swingsters over the Rebels, the Eightballs over the Markers, and the Smelters over the Playboys. Also taking three, the Tigers out-rolled the Wasps, the Has Beens marked over the Splinters, and the Wolves drove past the Screwballs. Sharing two points, the Bumpers and Cubs called it a draw.

Sewell Brown, Swingsters, hit a 247 scratch single game. His 265 handicap game was tied by Tom Perry, Wolves. C. R. Lively, Screwballs, took a 613 scratch series . . . and Perry returned to the boards with a 690 handicap series.

The Wolves took singles honors, rolling 931 scratch, 1063 handicap. The Swingsters swung in to the winning circle by posting a 2667 scratch series. The Wolves returned to take a 3057 handicap series.

League standings follow:

Team	W	L
Rippers	16	4
Tigers	14	6
Has Beens	14	6
Swingsters	14	6
All Stars	12	8
Bumps	12	8
Eightballs	12	8
Cubs	11	9
Playboys	10	10
Screwballs	10	10
Rebels	9	11
Wasps	8	12
Smelters	6	14
Wolves	5	15
Splinters	4	16
Markers	3	17

Day-Time Bowlers Need Another Team

Y-12's E Bowling League . . . the only day-light men in action on the alleys . . . stand in need of another team. Anyone working shift work who would like in on the Wednesday day-time action, just call Recreation, extension 3-7109.

Last week the Hot Shots moved up within one point of first place taking the Pintwisters for four. The Alley Bees won three from the Four Squares, and the Cannon Balls took four by a bye.

J. Kirschler, Hot Shots, rolled a 202 single game in scratch counting, and a 228 handicap game. The Alley Bees' Keith took a 522 scratch series . . . and R. Broome, Hot Shots, rolled a 629 handicap series.

The Four Squares formed the winning circle for team singles, taking 681 scratch, 804 handicap. The Hot Shots were there with series highs of 1883 scratch, 2324 handicap.

League standings follow:

Team	W	L
Alley Bees	20	12
Hot Shots	19	13
Pintwisters	16	16
Four Squares	15	17
Cannon Balls	10	18

C And Bush Bowlers Delayed By Weather

The C and Bush Bowling Leagues for Y-12ers shivered in their boot-tracks last week, and missed their regularly scheduled forays on the Ark Lanes. Both schedules will be continued as is, and the February 1 battles will be scheduled at the end of the season's play.

WORDY OUTPUT

The sheer volume of scientific information published around the world every 24 hours would fill seven complete 24-book sets the size of the Encyclopedia Britannica, according to the "Humble Way." Reading around the clock, day after day, one man would need 460 years to cover one single year's output.



JAY BERNANDER, son of N. K. Bernander, Quality Liaison, brought down this 150 pound, eight-point buck recently down near Greenwood, Mississippi. It was Jay's first shot at a deer, using his granddaddy's rifle. Jay is a junior at Karns High School.

Y-12 Teams Drop 2 In Basketball

Last Monday's basketball action got grounded along with everything else in the wintry blasts of last week.

The Carbide Basketball League did resume its schedule Wednesday with the Fuds racking the Y-12 Raiders 55 to 39. The Fuds were hot, winning going away, with Dick Boughner and Don Wood hitting the basket for 15 points each. Carlos Brooks led the hapless Raiders with 17 through the hoop.

Analytical Chemistry cleaned the K-25 All Stars to the tune of 44 to 39. It was a nip-and-tuck battle until the second half. Jim George led the All Stars with a total of 18; and John Jones took 13 and Butch Armstead tallied 12 for the winning AC team.

The final game of the night saw Metals and Ceramics take Y-12's Eagles 47 to 38. M&C played with their star Carter on the bench, but managed to stay in front the entire game. Jim Froula was high-man of the game, counting 19 through the rim.

League standings follow:

Team	W	L
Metals & Ceramics	2	0
Fuds	2	0
Biology	1	0
Analytical Chemistry	1	0
Fearless Five	0	1
Raiders, Y-12	0	1
Eagles, Y-12	0	2
All Stars, K-25	0	2
ORINS	0	0

Mixed Bowlers See Goofers Still Up

The Goofers still dominate play in Y-12's Mixed Bowling League. They downed the Alley Cats for three last week. The Blue Angels took the only sweep of the day, by licking the Chumps for four. Sharing two points were the Turtles and Bingos and the Twisters and Alley Oops.

Betty Tripp, Bingos, took high scratch honors, rolling a single of 183 and series of 467. Eleanor Rekemeyer, Twisters, took a 225 single handicap game . . . and she and Virginia Newby, Goofers, tied with a 581 handicap series.

On the male side it was Bob Hagood, Goofers, with a 195 scratch single . . . Russell Blevins, Bingos, with a 231 single handicap. Bill Stephens, Goofers, rolled a 531 scratch series, and C. C. Roberts, Blue Angels, took a 611 handicap series.

The Bingos dominated singles with 708 scratch, 835 handicap. The Goofers took series scratch highs with 1832; while the Blue Angels cast a 2291 handicap series.

League standings follow:

Team	W	L
Goofers	18	6
Turtles	14	10
Alley Cats	14	10
Alley Oops	13	11
Blue Angels	11	13
Twisters	10	14
Bingos	8	16
Chumps	8	16



BOBBY GRANT AND C. B. BURRIS, Beta Four, have a formula for getting rid of rabies in the country . . . kill all the strange foxes. Here they hold three gray foxes killed recently in Anderson County near Oliver Springs. They catch anything from hawks to snakes. They have killed over 20 foxes in the past six weeks.

Set Ups Cinch Volleyball Crown

The Set Ups cinched the first half of the Volleyball League last week by taking on a double-header. They first plastered the Vaults for four . . . 15-11, 15-5, 15-5 and 15-7. Then they took on Y-12's Beavers and downed them for four, also . . . 15-7, 15-4, 15-1 and 15-12.

Other action pitted the ORSORT crowd against the Scrubs. They shared two games. The Scrubs won 15-13 and 12-10; while ORSORT won 11-7 and 11-8. The Old Men won over the Y-12 Yanks for four 15-13, 15-0, 15-1 and 15-8. Y-12's Eagles beat the K-25 Instruments for three 15-1, 15-6 and 15-8. The Instru-

UNION CARBIDE CORPORATION NUCLEAR DIVISION

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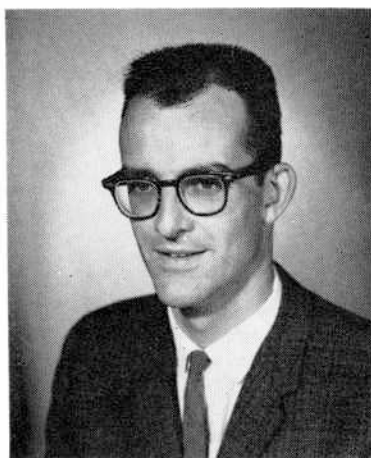
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Rensselaer's Greene Will Speak To ASM

Dinner Meeting
Set February 17



Norbert D. Greene

The Oak Ridge Chapter of the American Society for Metals will meet next Wednesday, February 17. The dinner meeting will begin at 6:30 at the University Student Center, with the technical session beginning at 7:45 in Dougherty Hall.

Dr. Norbert D. Greene, associate professor of Materials Engineering at Rensselaer Polytechnic Institute, Troy, New York, is the main speaker. He will speak on "Metallurgy and Medicine." He joined the faculty at Rensselaer in 1959, and was previously associated with Union Carbide's Metals Research Laboratories at Niagara Falls, New York.

Currently, he is director of the corrosion research laboratory, which is engaged in studies of metallic corrosion, electrode kinetics and fuel cells. He received the 1959 Young Author's Award from the National Association of Corrosion Engineers and was awarded the 1962 Alfred H. Geisler Award of the ASM by the Northeast New York Section for his work on metallic corrosion and passivity. He is a member of the Electrochemical Society, American Society for Metals, Sigma Xi, and the National Association of Corrosion Engineers.

Reservations for the dinner meet may be made through Joseph W. Tackett, extension 3-6571.

Credit Union

Continued from Page 2

J. A. Young was reappointed chairman of the education committee, and Bill Hackett was named liaison between this committee and the board.

The credit committee for 1965 will consist of Lorena Causey, Fred Wilkinson, and Mary Frances Bailey.

The final word for 1964's annual meeting of the Credit Union was the usual invitation: THE CREDIT UNION IS YOURS . . . USE IT!

Unique Capabilities

Continued from Page 1

fied. Let me emphasize that we are not seeking to remain busy merely for the sake of being busy. However, we are convinced that there are many national programs involving advanced materials and fabrication technology to which we make significant contributions while at the same time discharging our responsibilities to the weapons program.

"This is a point which was duly noted by Sam Sapir (director of the Oak Ridge Operations of the AEC), last January 6, and I quote: 'The Y-12 Plant, as operated by the Union Carbide Corporation for the AEC, has a highly efficient organization with broad capability for accomplishing many challenging assignments with demanding specifications and schedules at minimum cost. This capability is a national asset which is being called to the attention of other government agencies with the objective of broadening the work load base at the Y-12 Plant while helping other agencies save time, money, and effort.'

Involved In Programs

"Partly, as a result of these current efforts, and partly because our unique capabilities have been recognized in the past, we are already involved in a number of programs for other government agencies. Currently, we are doing work for NASA, Navy, ORNL, and several universities. We feel good prospects also exist for applying these facilities to work for the Army and Air Force.

"We are gratified by the community's interest in Y-12's future as demonstrated by the actions of various of our civic groups and of congressional delegations. Along this line, we are anticipating extensive interaction with the other major installations in Oak Ridge to the end of achieving results which utilize our individual specialties and which could not be achieved by each installation independently.

Outlook Not Bleak

"In conclusion, we realize the road ahead is rocky, but it hasn't been washed out. In my judgment, Corporation and Commission Management are facing our problem realistically and objectively. I believe that, in the long run, this facing up to the facts will result in Y-12 remaining not only viable but a dynamic and challenging place to work.

"Needless to say, I am personally interested!"

Strasser's address preceeded a talk by M. C. Anderson, vice president in charge of engineering services, Brunson Instrument Company, who spoke on "Optical Tooling For Industry."

'Vacuum Studies' Is Thermonuclear Topic

The Thermonuclear Division announces its seminar for this week as "Vacuum Studies." Lead-



PRESENTING THE BIG WINNERS in the last quarterly slogan - poster contest, sponsored by the Safety Department. H. G. P. Snyder, superintendent of Industrial Relations, presents H. H. Terry, Research Services, at left, his transistor radio as he takes the plant-wide award. Division awards went to Gertrude Gentry, seated from left, S. H. Guy, D. R. Vandergriff and E. B. Del Grande. Standing in the first row are more winners—H. A. Sinclair, Andy Halcomb, K. D. Thompson, C. L. Scaff and J. A. Lane. In the back row are F. L. Clark, W. D. Ayers, H. M. Payne and J. M. Mills Jr.

H. H. Terry Takes Safety Poster Award

H. H. Terry, Research Services, submitted an excellent cartoon for Safety's last quarterly contest, which took him the first prize of a transistor radio.

Divisional winners all took an insulated beverage set. They were Gertrude Gentry, Accounting and Budgets; S. H. Guy, Assembly; D. R. Vandergriff, Fabrication; Ed Del Grande, Industrial Relations; H. A. Sinclair, Maintenance; Andy Halcomb, Materials and Services; K. D. Thompson, Metal Preparation; C. L. Scaff, Engineering; J. A. Lane, ORNL; W. D. Ayres, Product Engineering; H. M. Payne, Product Certification; and J. M. Mills Jr., Technical.

The Safety Department is currently enlisting entries for the contest to end April 30. Prizes for this one will be an electric drill as a plant-wide award, and a Coleman camp stove for each divisional prize.

Everyone in the plant (except members of the Safety Department) are eligible to win in both categories . . . so keep those ideas coming.

Many fine plant posters have been adapted from these ideas and used in campaigns through the years.

'Eyes' Identified Wrong Last Week!

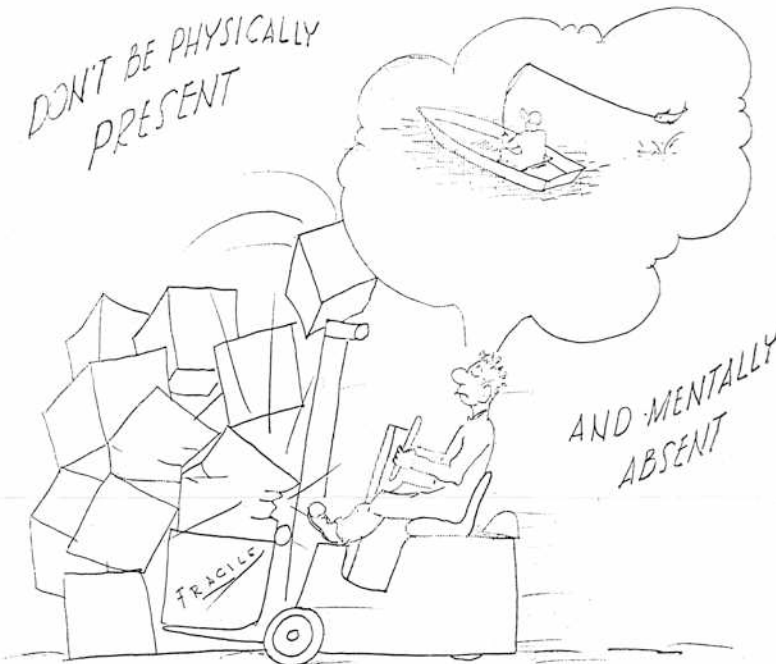
In identifying Y-12 eyes in last week's Bulletin an error appeared in the identification of the pair of eyes in the center of the picture. Those eyes are the property of F. V. Tilson . . . not Fran Tench, as stated.

Monday Week Is Holiday In Y-12

Somebody asked the other day . . . "When is our next holiday?" Well, it's sooner than you think. Monday, February 22, George Washington's birthday is a recognized holiday in Y-12. That gives Y-12ers another long week-end to get over the long ones we just had! Fair enough, isn't it?

ing the discussion will be R. A. Strehlow.

The seminar is set for 9 a.m. tomorrow, Thursday, February 11, in the TD Conference Room, Building 9201-2.



H. H. TERRY'S EXCELLENT poster idea above won him the plant-wide first prize in the just-ended contest sponsored by Safety. Although Terry's cartoon character is on a fork-lift, the idea is applicable to all of us.

Safety Awards

Continued from Page 1

two chairs) and the camp stove with stand both drew 115 selections. The electric ice cream freezer (in weather like we've been having, too) brought 129 responses. The two-sitter luggage took 151 people's fancy.

The automatic blanket drew 85 choices . . . while the electric griddle brought out 81. A total of 39 chose the electric carving knife, and 12 took the fire extinguisher.

The useful and handsome awards are an extra bonus for the 15,178,416 man-hours worked during during 1963-64 by all Y-12 employees without a serious injury. The four periods began on May 1, 1963 and ran into February 1, 1964; for 8,814,026 man-hours . . . from February 3 to May 14, 1964 for 3,471,661 . . . from May 16 to July 22, 1964 for 2,128,396 man-hours . . . and from July 24 to September 14, 1964 for a total of 1,674,333 man-hours worked without a lost-time injury.

Early in 1963, it was decided to bank, as it were, the periods of safe operations, and give one award with the price of the cumulated awards for the entire year.

A representative from each division in the plant narrowed the selections-list down to a total of 22.



Car pool member wanted from Fountain City area, Cedar Lane, to East or North Portal, straight day. W. O. Chandler, plant phone 3-5921, home phone Knoxville 687-1527.

Car pool member wanted from vicinity of Louisiana Avenue and Robertsville Road, to Central Portal, straight day. W. Schenk, plant phone 3-7308 . . . or J. Stewart, plant phone 3-7171.

Hungarian Professor Presides At Seminar

A special seminar will be held at Oak Ridge National Laboratory today. Professor Alexander Szalai, Hungarian Academy of Sciences, guest lecturer to Massachusetts Institute of Technology, professor of Sociology and Theory of Organization, University of Veszprem, will speak on "The Sociology of Natural Science Research: Patterns of Communication and Coalition."

The seminar is set for today, Wednesday, February 10, in the East Auditorium of ORNL's 4500 building, at 3:15 p.m.